



## SPRINGFIELD WATER AND SEWER COMMISSION

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March 31, 2016

Subject: Springfield Water and Sewer Commission Annual CSO and CMOM Report

To Whom It May Concern:

Pursuant to NPDES Permit No. MA0103331, attached please find the 2015 CSO Annual Report for the Springfield Water and Sewer Commission (Commission) as well as the Inflow and Infiltration information for the Springfield Regional Wastewater Treatment Facility.

Pursuant to Administrative Order Docket No. 14-007 this submittal also includes the Annual CMOM Program Report and updates to the IWP schedule.

In CY 2015, the Commission advanced several components of the approved Integrated Wastewater Plan (IWP) as it relates to all wastewater infrastructure. The Capital Projects and Operations and Maintenance Budgets can be found in this Report.

As we had mentioned in our 2015 Annual Report cover letter, construction of the Washburn CSO Control Project was substantially completed in CY 2014 however the CSO Control in a portion of the sub-catchment was found to be not adequate as it relates to storms outside of the design storm series in the Typical Year. The Commission had previously initiated a design a



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construction project to support in alleviating these issues. The design is nearing completion and construction will begin in the next several months.

In 2015 the Commission began the rehabilitation of one of its most critical assets in its wastewater asset inventory, the Main Intercepting Sewer (MIS). This project is well underway and is progressing according to schedule with only some minor delays. As part of this Project, the Commission continues the repair and replacement of outfalls at CSO 012, CSO 013, and CSO 018. At this time we anticipate the rehabilitation, replacement, and renewal of these critical assets (MIS pipe and CSO Outfalls) will be completed before the end of CY 2016.

In 2015 the Commission continued its comprehensive Collection System Asset Management Program. The Project includes cleaning and assessment of collection system assets. This Program has provided critical information used in the decision making process for CSO and other projects with definite Clean Water Act benefits outside of CSO Control. In 2016, the Program will continue in its seventh year.

In 2015 the Commission continued its temporary metering program to further calibrate the Collection System Model and to reflect known changes in the collection system.

In 2015 the Commission continued its conversion from its older INFOR CMMS Program to the use of VUEWorks for its work order management, document control, asset inventory, and collection system asset management and risk reduction program. Users continue to be trained and transferred over to the new system as VUEWorks quickly becomes an integral part of the Commission's business practices.

In 2015 the Commission began the development of the Basis of Design Report for the next phase of the CSO Control Program, the Connecticut River Crossing and York Street Pump Station Improvements Project. This important report serves as the detailed evaluation of alternatives for this critical project. The report, a 10% level of design, will be completed in June 2016 and the Commission will move immediately into the Preliminary Design Phase of the Project. This project was identified in the LTCP and IWP and was delayed due to procurement issues as stated in the 2014 report.

Each year the Commission undertakes system improvements projects that replace, rehabilitate or renew existing water and sewer system components. In 2015 the Commission was in various stages of design and construction of several projects with failing collection system assets. These projects can be found in the Capital Plan attached to this report.



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The Commission is pleased to be in its second year of implementation of the IWP. The IWP, which will be continually updated with new and relevant information each year, will continue to serve as the roadmap for responsibly maintaining regulatory compliance and operational sustainability. For 2015 this report has been reorganized and expanded to provide a more comprehensive collection of information pertaining to the operation, maintenance, re-investment, and planning for the wastewater collection system and CSOs.

If you have any questions or comments concerning the attached information please do not hesitate to contact me at 413-452-1333.

Respectfully

Springfield Water and Sewer Commission

Joshua D. Schimmel  
Executive Director

CC: Ryan Wingerter, Springfield Water and Sewer Commission